

ABSTRACT

A lamp assembly with a multi-stage reflector is described for use with automobile lamps. A singular shield is positioned about a light source inside a housing. A first reflective surface and a second reflective surface are formed on the housing. The singular shield is moveable between a first position and a second position. In the first position, the moveable shield blocks light from striking the second reflective surface, and a main beam is projected from the lamp assembly. In the second position, the moveable shield allows light to strike both the first and second reflective surfaces, and a second beam is projected. Thus, the singular shield may be moved to switch between the main beam and the second beam, creating the ability to alter the functionality of the lamp assembly. More than two reflective surfaces and moveable positions may be used, to create a multitude of possible beam patterns.